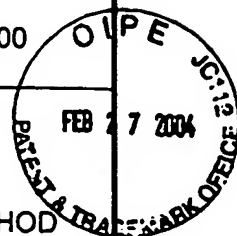


**Applicant:** Jiankang Huang and Robert C. O'Handley  
**Serial No:** 10/730,355  
**Filed:** December 8, 2003  
**For:** HIGH SENSITIVITY, PASSIVE MAGNETIC FIELD SENSOR AND METHOD  
 OF MANUFACTURE  
**Examiner:** Not Yet Assigned  
**Art Unit:** Not Yet Assigned

**INFORMATION DISCLOSURE STATEMENT  
BY APPLICANT Sheet 2 of 3**

Docket No. F0017/7000



Applicant: Jiankang Huang and Robert C. O'Handley  
 Serial No: 10/730,355  
 Filed: December 8, 2003  
 For: HIGH SENSITIVITY, PASSIVE MAGNETIC FIELD SENSOR AND METHOD  
 OF MANUFACTURE  
 Examiner: Not Yet Assigned  
 Art Unit: Not Yet Assigned

**OTHER PRIOR ART – NON PATENT LITERATURE AND DOCUMENTS**

Exam Inits	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the articles (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T
RL		LI, Yi-Qun, et al., "An Innovative Passive Solid-State Magnetic Sensor", www.sensorsmag.com, October 2000, Pages 52-54,	<input type="checkbox"/>
RL		MERMELSTEIN, Marc D., "A Magnetoelastic Metallic Glass Low-Frequency Magnetometer", IEEE Transactions on Magnetics, Vol. 28, No. 1, January 1992, Page 36-56.	<input type="checkbox"/>
RL		PRIETO, J. L., et al., "Magnetization Processes and Optimal Performance of Magnetostrictive Piezoelectric Sensors", Journal of Applied Physics, Vol. 79, No. 9, May 1, 1996, Pages 7099-7105.	<input type="checkbox"/>
RL		LEVITIN, R.Z., "Magnetostriction Measurements Under High Magnetic Fields By a Piezoelectric Transducer Glued on the Sample", Physica B 177 (1992) Pages 59-62, North - Holland, Elsevier Science Publishers B.V.	<input type="checkbox"/>
RL		MERMELSTEIN, M.D., "Magnetoelastic Amorphous Metal Fluxgate Magnetometer", Electronics Letters, 1986, Vol. 22, No. 10, Pages 525-526.	<input type="checkbox"/>
RL		PANTINAKIS, A., et al., "High-Sensitivity Low-Frequency Magnetometer Using Magnetostrictive Primary Sensing and Piezoelectric Signal Recovery", Electronics Letters, 1986, Vol. 22, No. 14, Pages 737-738.	<input type="checkbox"/>
RL		MERMELSTEIN, M.D., et al., "Low-Frequency Magnetic Field Detection With a Magnetostrictive Amorphous Metal Ribbon", Applied Physics Letter 51, August 1987, Pages 545-547.	<input type="checkbox"/>
RL		RYU, Jungho, et al., "Magnetolectric Properties in Piezoelectric and Magnetostrictive Laminate Composites", Japanese Journal of Applied Physics, Vol. 40, Part 1, No. 8, Pages 4948-4951, August 2001.	<input type="checkbox"/>
RL		LYNCH, B.J., et al., "A New Magnetic Sensor Technology", A New Magnetic Sensor Technology, Pages 13-20, presented in part at the Undersea Defence Technology Conference in London from February 7-9, 1990.	<input type="checkbox"/>

Examiner  
Signature

*[Handwritten Signature]*

Date  
Considered

*8/8/06*

**INFORMATION DISCLOSURE STATEMENT  
BY APPLICANT Sheet 3 of 3**

Docket No. F0017/7000



Applicant: Jiankang Huang and Robert C. O'Handley  
 Serial No: 10/730,355  
 Filed: December 8, 2003  
 For: HIGH SENSITIVITY, PASSIVE MAGNETIC FIELD SENSOR AND METHOD  
 OF MANUFACTURE  
 Examiner: Not Yet Assigned  
 Art Unit: Not Yet Assigned

**OTHER PRIOR ART – NON PATENT LITERATURE AND DOCUMENTS**

Exam Inits	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the articles (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T
RL		GRIMES, C.A., et al., "Magnetoelastic Sensors For Remote Query Environmental Monitoring" Smart Mater. Struct. 8 (1999) Pages 639-646, 1999 IOP Publishing Ltd., Printed in UK.	<input type="checkbox"/>
RL		VAN SUCHTELEN, J., "Product Properties: A New Application of Composite Materials", Philips Res. Repts. 27, Pages 28-37, 1972	<input type="checkbox"/>
RL		SHIN, K.H., et al., "Preparation and Properties of Elastically Coupled Electro-Magnetic Elements With a Bonding Structure", IEEE Transactions on Magnetics, vol. 34, No. 4, July 1998, Pages 1324-1326.	<input type="checkbox"/>
RL		VAN DEN BOOMGAARD, J., et al., "Magnetolectricity in Piezoelectric - Magnetostrictive Composites", Ferroelectrics, Vol. 10, Pages 295-298, 1976, Gordon and Breach Science Publishers Ltd., Printed in Great Britain.	<input type="checkbox"/>
RL		MORI, Kiyotaka, et al., "Magnetolectric Coupling in Terfenol-D/Polyvinylidenedifluoride Composites", Applied Physics Letters, Volume 81, Number 1, July 1, 2002, Pages 100-101.	<input type="checkbox"/>
RL		VAN DEN BOOMGAARDS, J., et al., "Piezoelectric - Piezomagnetic Composites With Magnetolectric Effect", Ferroelectrics, Vol. 14, Pages 727-728, 1976, Gordon and Breach Science Publishers Ltd., Printed in Great Britain.	<input type="checkbox"/>
			<input type="checkbox"/>
			<input type="checkbox"/>
			<input type="checkbox"/>

Examiner  
Signature

*RL [Signature]*

Date  
Considered

8/8/08